Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1199858

Luminaire Tested: GPC-SB2B-830-U-AFL

Issue Date: 10/30/2025

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199858
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-830-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10289 lumens
Efficiency:	N/A
Efficacy:	139.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

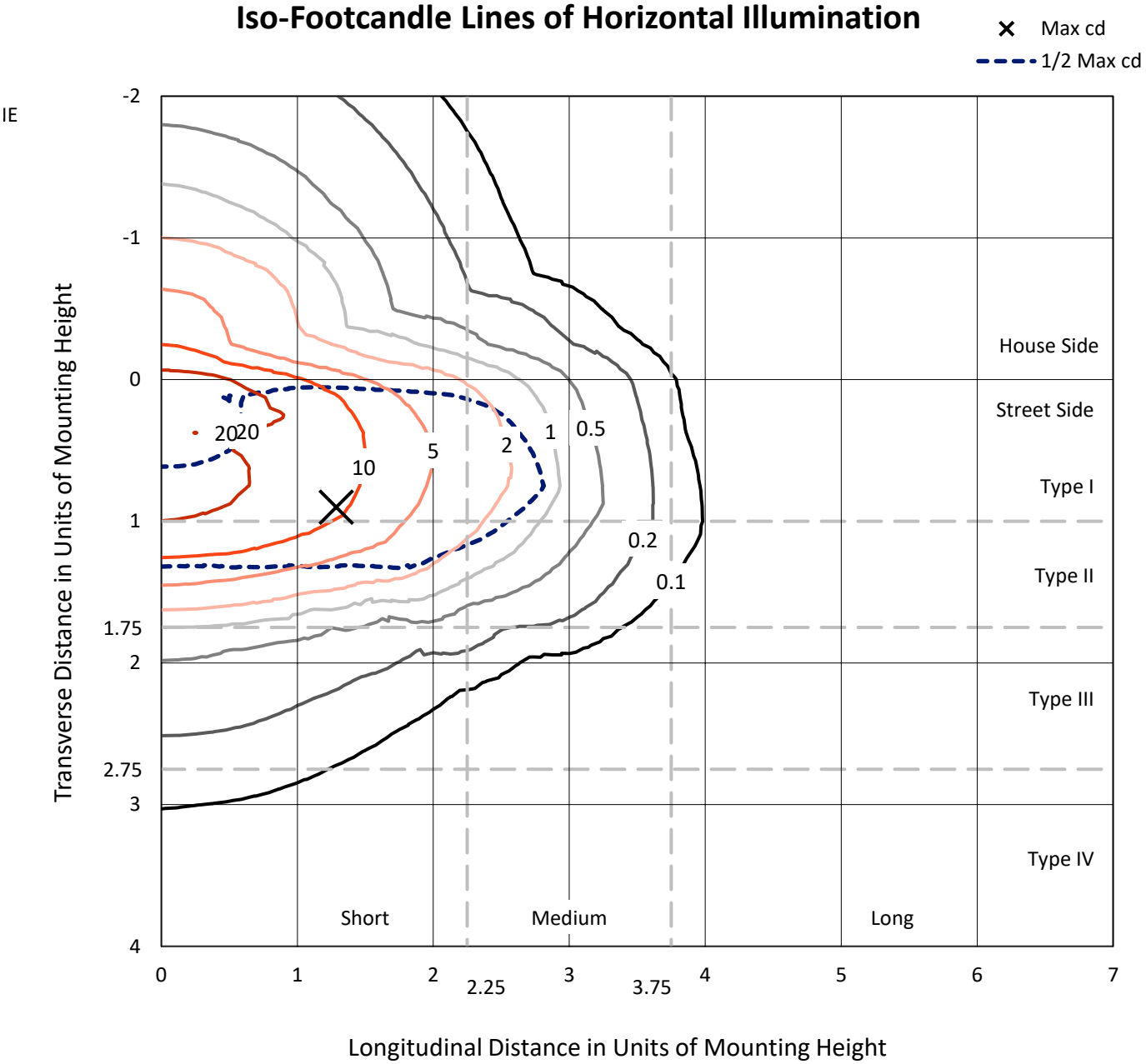


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Scaled Data Report

REPORT NUMBER: P1199858
CATALOG NUMBER: GPC-SB2B-830-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



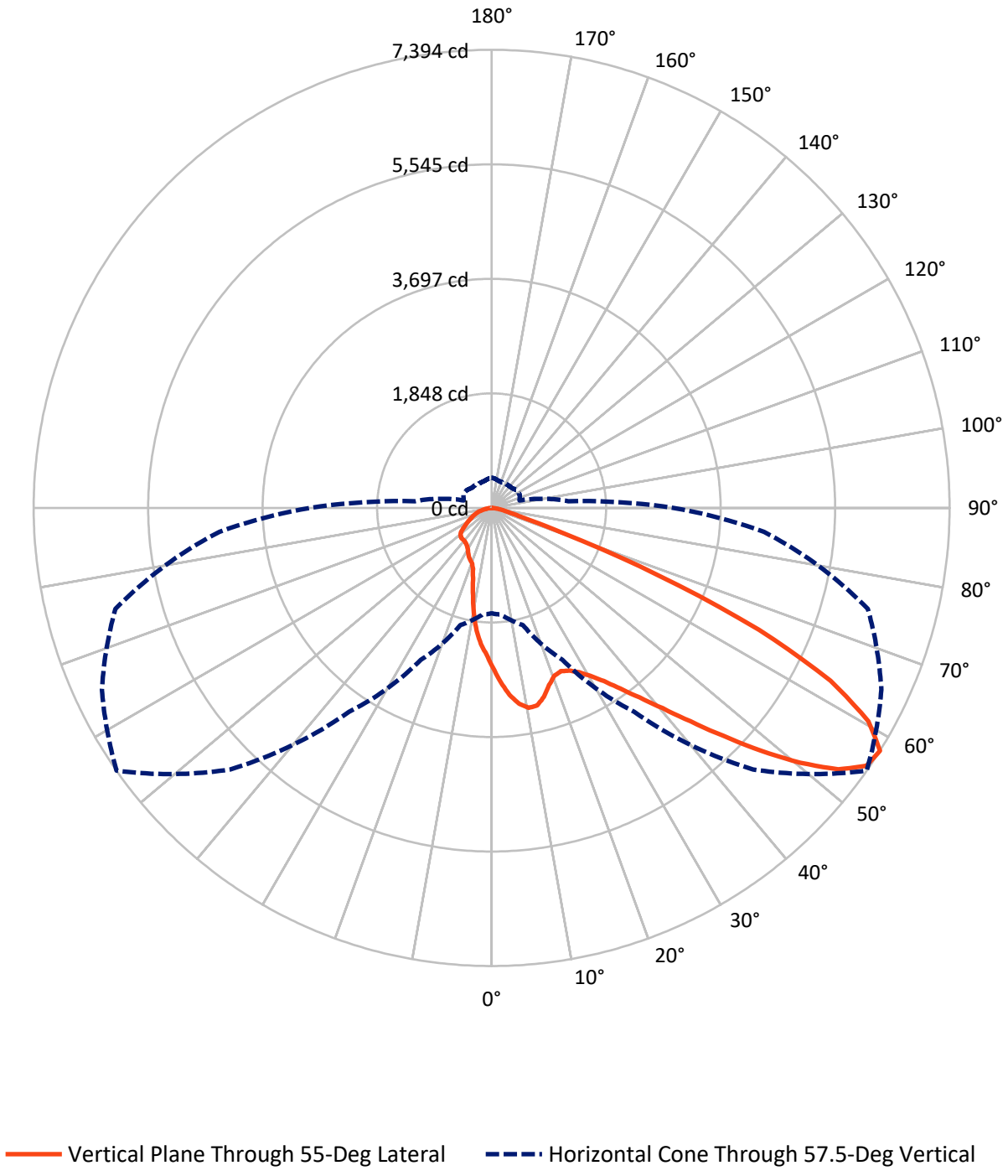
Based on 10 foot mounting height. Maximum calculated value = 31.2 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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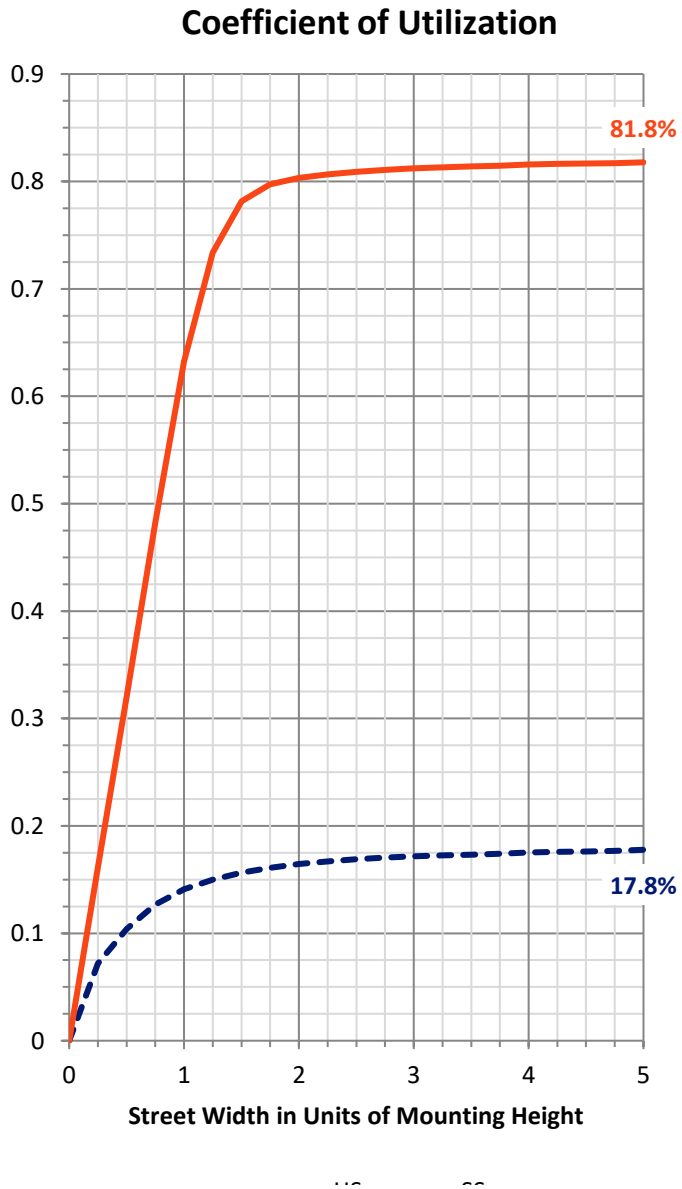
REPORT NUMBER: P1199858
CATALOG NUMBER: GPC-SB2B-830-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1861.7	0.0	1861.7
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	8427.3	0.0	8427.3
	% Fixture	81.9	0.0	81.9
Total	Lumens	10289.0	0.0	10289.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.2	2.3
10°-20°	603.8	5.9
20°-30°	963.5	9.4
30°-40°	1525.5	14.8
40°-50°	2335.0	22.7
50°-60°	2501.0	24.3
60°-70°	1573.4	15.3
70°-80°	465.3	4.5
80°-90°	82.3	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10289.0	100.0
0°-180°	10289.0	100.0



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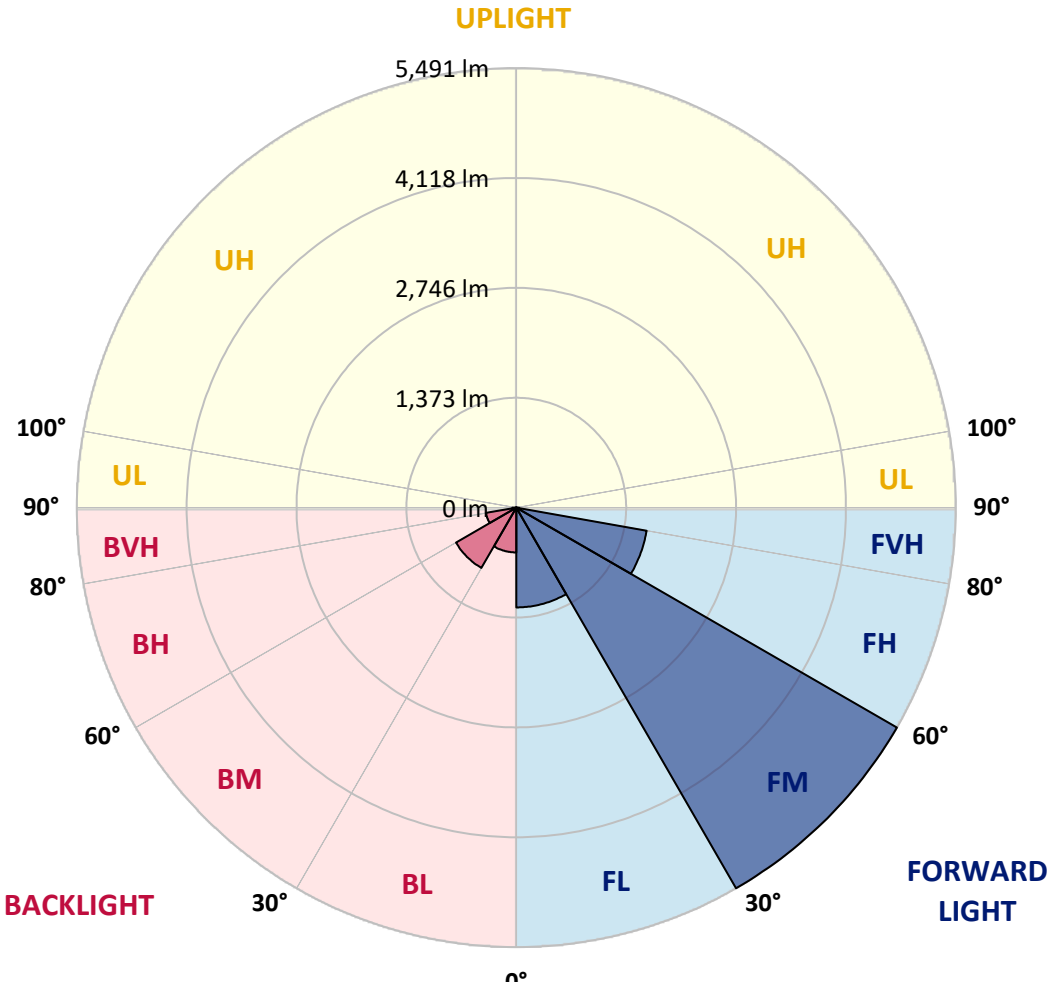
Scaled Data Report

REPORT NUMBER: P1199858
CATALOG NUMBER: GPC-SB2B-830-U-AFL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1247.0	12.1			
FM	(30°-60°)	5491.3	53.4			
FH	(60°-80°)	1654.2	16.1			G1/1800
FVH	(80°-90°)	34.8	0.3			G1/100
BL	(0°-30°)	559.6	5.4	B2/1000		
BM	(30°-60°)	870.2	8.5	B1/1000		
BH	(60°-80°)	384.5	3.7	B1/500		G1/500
BVH	(80°-90°)	47.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type II Short



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Scaled Data Report

REPORT NUMBER: P1199858
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1
2.5°	2957.9	2955.7	2967.4	2927.5	2900.4	2863.7	2815.3	2753.6	2687.1	2616.9	2586.6
5°	3224.3	3205.7	3218.0	3188.2	3158.4	3103.1	3031.3	2930.7	2807.9	2668.0	2593.5
7.5°	3182.3	3169.6	3200.9	3227.5	3249.9	3243.0	3190.3	3085.0	2926.5	2723.3	2615.3
10°	2843.5	2829.1	2873.3	2965.3	3100.4	3218.0	3281.8	3216.4	3047.8	2783.9	2636.6
12.5°	2544.6	2537.7	2566.9	2641.4	2791.4	3016.9	3270.1	3331.3	3173.8	2855.7	2665.3
15°	2416.9	2408.4	2427.0	2464.8	2560.5	2770.6	3163.7	3410.0	3297.7	2938.7	2711.1
17.5°	2388.7	2379.2	2387.1	2406.8	2468.5	2628.6	3003.1	3448.8	3427.0	3031.3	2749.4
20°	2440.9	2432.9	2433.9	2432.9	2476.0	2603.1	2891.4	3433.9	3539.8	3116.4	2786.6
22.5°	2566.9	2553.6	2554.2	2526.0	2549.4	2647.8	2862.1	3394.0	3640.3	3190.8	2814.8
25°	2772.2	2748.3	2753.1	2681.3	2674.9	2747.8	2907.9	3363.2	3740.3	3250.4	2820.1
27.5°	3053.1	3025.9	3011.6	2904.7	2853.6	2889.8	3000.9	3373.8	3835.0	3302.0	2806.8
30°	3404.1	3371.1	3341.9	3190.3	3097.7	3084.5	3145.6	3444.0	3946.7	3356.3	2783.9
32.5°	3834.4	3796.1	3742.9	3541.9	3411.6	3341.9	3332.8	3569.0	4077.5	3425.4	2772.2
35°	4346.6	4296.6	4221.1	3961.0	3796.1	3653.6	3579.6	3749.3	4256.7	3529.6	2785.5
37.5°	4874.3	4817.9	4748.7	4439.2	4236.5	4026.4	3880.7	3994.0	4495.6	3671.1	2820.6
40°	5361.0	5297.7	5233.3	4957.8	4740.2	4487.1	4249.3	4303.6	4787.6	3840.3	2880.2
42.5°	5648.2	5601.4	5576.9	5428.0	5259.9	5003.0	4707.8	4670.6	5115.8	4034.9	2948.3
45°	5635.4	5616.3	5691.8	5753.5	5713.6	5571.1	5245.0	5076.4	5445.0	4203.6	3011.1
47.5°	5334.4	5347.1	5515.7	5862.5	6015.2	6089.7	5856.7	5474.8	5731.2	4329.6	3039.2
50°	4515.2	4525.9	4916.3	5664.1	6092.8	6512.5	6463.6	5863.6	5953.0	4406.7	3032.9
52.5°	3866.9	3873.8	4041.3	5075.9	5836.5	6725.3	7010.4	6230.1	6115.2	4428.0	2997.2
55°	2912.7	2936.6	3124.3	3982.3	5169.5	6556.7	7343.3	6607.7	6217.8	4430.1	2960.0
57.5°	1701.5	1727.6	1959.5	2703.1	4017.9	5968.9	7393.9	6942.8	6287.5	4413.1	2937.6
60°	833.5	844.6	945.7	1420.7	2477.6	4836.5	6987.5	7105.0	6326.3	4404.1	2936.6
62.5°	561.7	560.1	564.3	701.0	1220.7	3107.3	6140.7	6821.0	6305.6	4369.5	2925.9
65°	483.0	477.1	461.2	492.0	632.4	1421.2	4744.5	5973.2	6147.6	4282.8	2853.1
67.5°	417.5	418.1	418.6	409.0	451.6	655.8	2899.4	4705.1	5580.6	3872.2	2572.2
70°	345.7	350.5	352.6	352.6	368.1	430.3	1237.7	3224.9	4402.0	3036.1	2071.7
72.5°	314.9	304.8	305.8	300.5	300.5	327.6	498.4	1828.1	2773.3	1707.9	1264.3
75°	256.9	263.3	264.4	260.6	248.4	250.0	295.7	767.0	1186.7	708.5	625.0
77.5°	221.8	221.8	223.9	221.3	211.7	187.2	197.3	297.3	403.7	290.4	312.2
80°	178.2	177.7	186.7	192.0	177.1	138.3	126.1	164.4	179.2	127.7	162.2
82.5°	86.7	92.0	128.2	146.3	134.6	100.0	77.1	102.1	95.7	56.4	72.9
85°	50.5	47.9	57.4	81.4	77.1	55.3	37.2	53.2	50.0	28.7	29.3
87.5°	16.0	14.9	11.7	27.7	22.3	15.4	10.1	15.4	13.8	6.4	6.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1199858
CATALOG NUMBER: GPC-SB2B-830-U-AFL

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1	2578.1
2.5°	2548.8	2486.1	2423.8	2366.9	2332.4	2310.0	2287.7	2262.7	2253.1	2238.7
5°	2523.3	2402.0	2294.1	2201.0	2116.4	2049.9	1982.9	1928.6	1904.2	1920.7
7.5°	2508.4	2332.9	2166.4	1995.7	1831.3	1699.9	1585.6	1505.3	1469.1	1478.1
10°	2495.1	2254.7	2001.0	1731.3	1495.2	1332.4	1215.4	1154.2	1131.3	1136.1
12.5°	2482.9	2166.9	1801.5	1446.8	1195.7	1088.3	1054.7	1055.3	1059.5	1062.7
15°	2480.8	2061.1	1578.7	1197.8	1034.0	1027.1	1063.3	1086.1	1098.4	1102.1
17.5°	2477.6	1934.5	1351.5	1028.2	994.6	1041.4	1075.0	1089.9	1099.4	1100.0
20°	2464.8	1773.9	1142.0	947.3	986.1	1026.6	1047.3	1059.0	1067.0	1069.6
22.5°	2425.4	1595.1	978.7	911.1	952.1	984.5	1009.0	1022.3	1027.1	1030.3
25°	2354.7	1395.2	865.9	876.6	904.8	945.7	965.4	968.0	966.5	971.2
27.5°	2262.1	1180.8	795.7	829.8	865.9	901.0	911.7	910.1	906.9	912.2
30°	2150.4	988.3	751.0	777.1	826.6	858.5	868.1	864.3	857.9	863.8
32.5°	2032.4	830.8	714.3	740.4	794.1	825.5	835.1	831.4	826.6	831.4
35°	1922.3	720.7	680.3	715.9	768.6	799.4	811.7	812.2	812.2	818.1
37.5°	1821.2	656.4	652.1	700.5	751.0	778.7	796.2	797.3	774.4	776.0
40°	1727.6	629.2	639.3	690.4	734.0	760.6	761.7	702.1	660.1	659.0
42.5°	1651.0	623.9	643.1	689.3	721.8	722.8	647.8	601.6	589.9	590.4
45°	1579.2	622.3	651.6	689.3	703.7	624.4	573.9	561.7	562.7	567.0
47.5°	1498.9	615.9	653.2	679.8	651.6	555.3	540.4	535.1	533.0	534.0
50°	1411.1	593.1	633.0	660.6	562.2	525.5	506.9	505.3	508.0	509.6
52.5°	1318.6	555.8	598.4	626.0	521.3	499.4	478.7	482.4	494.1	497.9
55°	1257.9	512.2	552.6	556.9	492.5	475.0	457.4	465.9	487.7	494.7
57.5°	*1242.0*	*465.9*	*500.5*	*495.7*	*455.8*	*453.7*	*443.1*	*450.5*	*478.2*	*488.3*
60°	1237.2	424.5	449.5	445.7	420.2	430.3	427.6	431.4	440.9	444.1
62.5°	1200.0	391.5	403.7	398.4	388.3	405.8	412.2	404.2	411.7	415.4
65°	1105.3	364.9	359.0	355.3	359.6	375.5	388.3	372.3	379.2	389.9
67.5°	948.9	328.7	312.8	317.0	330.3	338.8	355.3	337.2	343.1	361.2
70°	767.5	283.0	268.6	280.8	293.6	311.2	313.8	301.6	315.4	335.6
72.5°	543.1	236.7	226.6	251.6	255.8	278.7	272.9	267.0	286.2	293.1
75°	376.6	190.9	185.1	204.2	219.7	239.4	235.1	242.0	282.4	285.6
77.5°	238.3	148.4	144.7	156.9	178.2	200.0	206.9	285.6	482.4	501.6
80°	138.3	110.6	106.4	116.0	134.6	154.8	199.5	350.5	318.1	314.3
82.5°	77.1	76.1	70.7	73.4	89.9	111.7	281.9	246.8	200.5	206.9
85°	36.2	44.7	38.3	36.7	50.5	130.8	188.3	141.0	93.6	91.5
87.5°	9.6	8.5	8.5	9.6	21.3	112.8	75.0	60.1	35.6	34.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

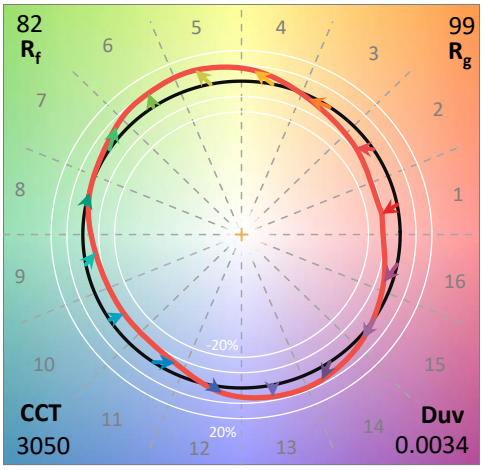
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

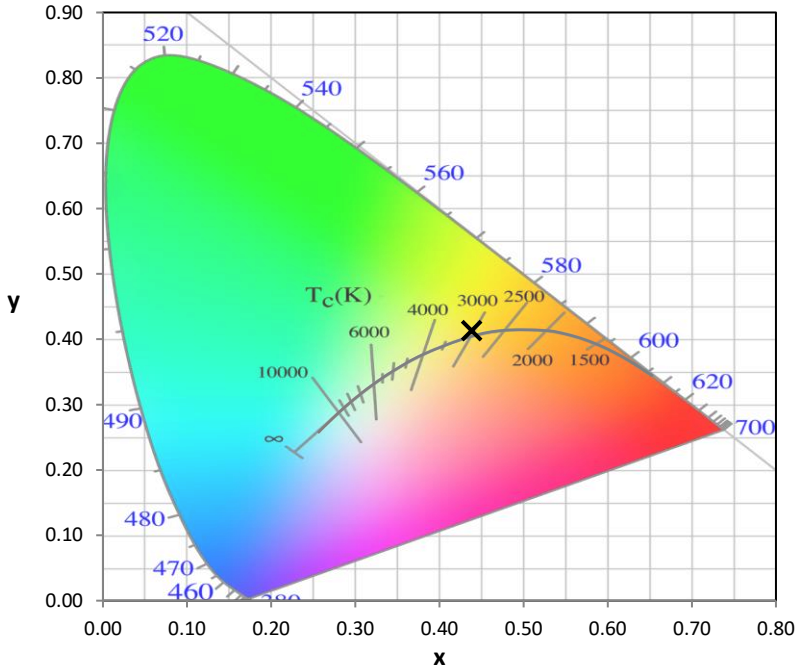
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

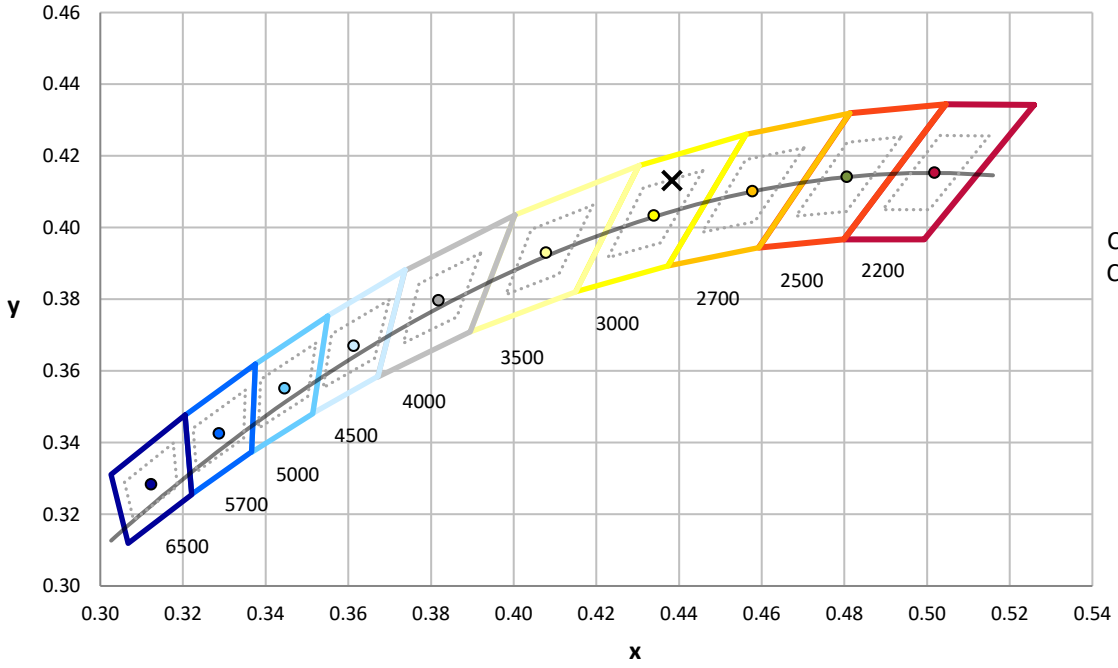
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

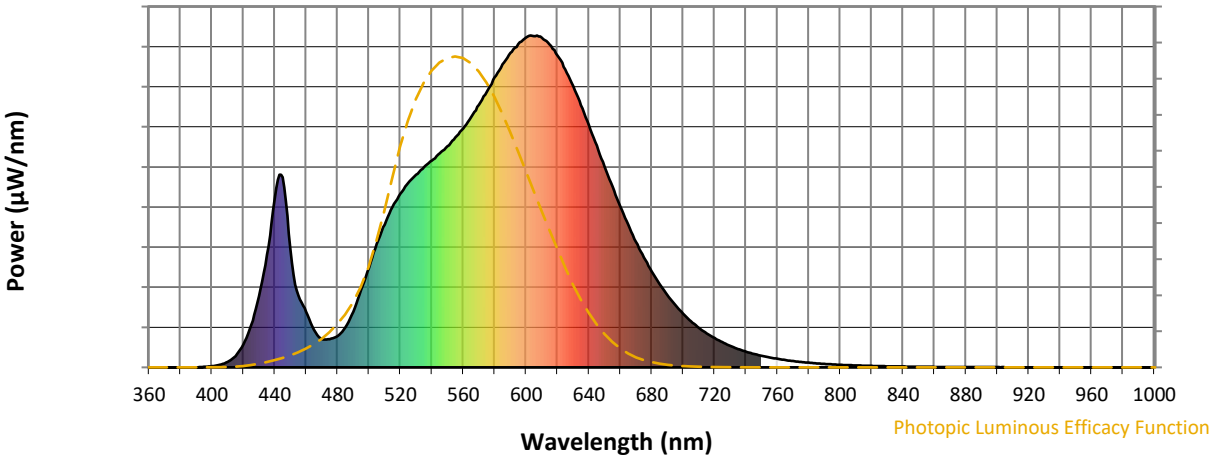


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

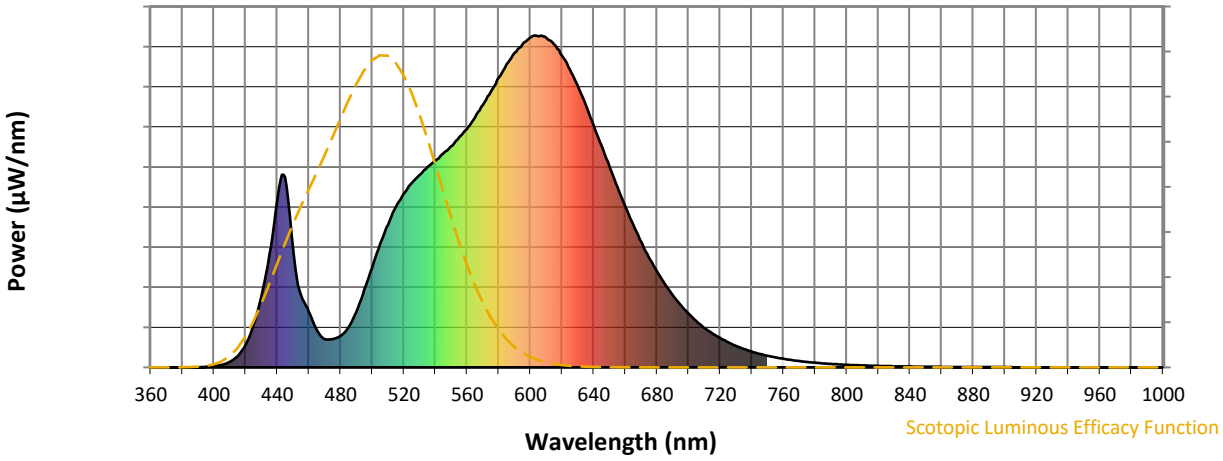


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

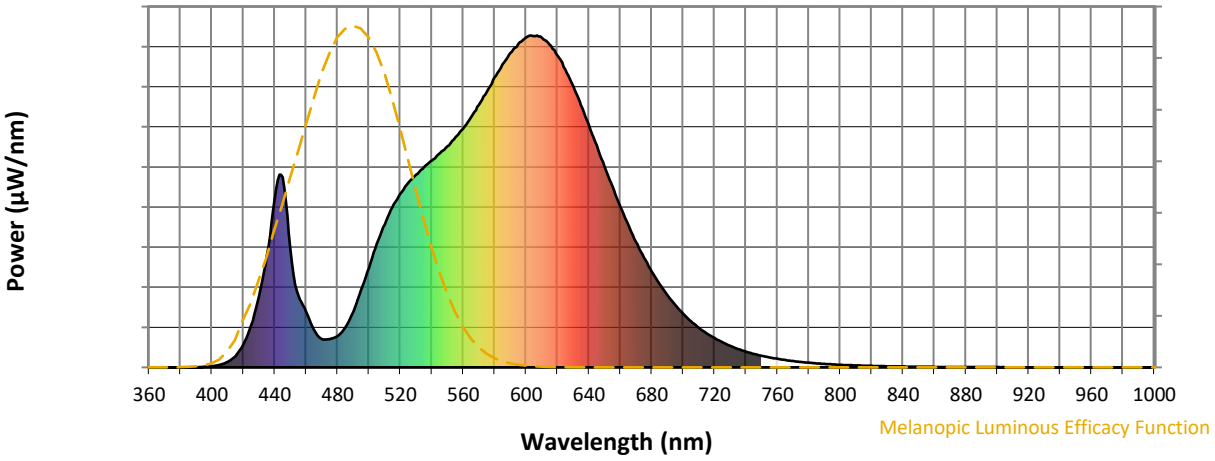


Scotopic Lumens: NR **S/P: 1.27**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

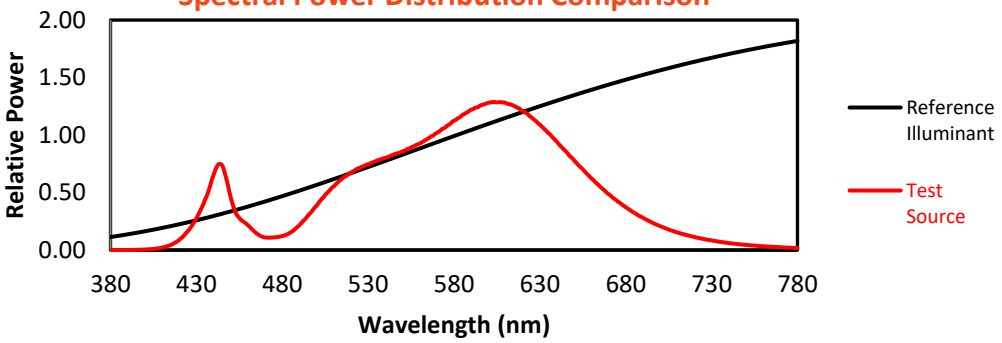
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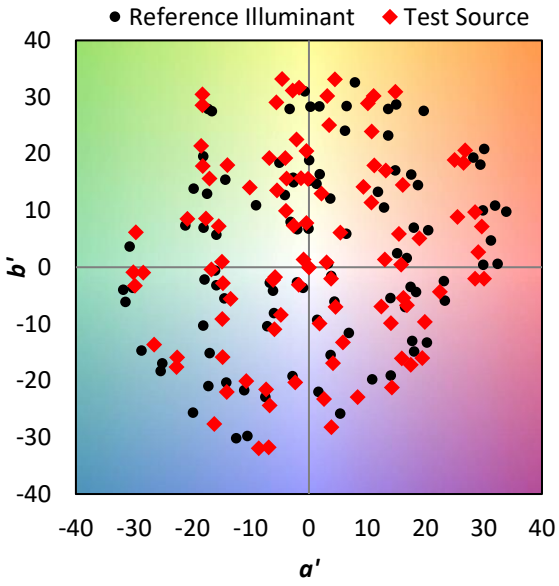
Summary

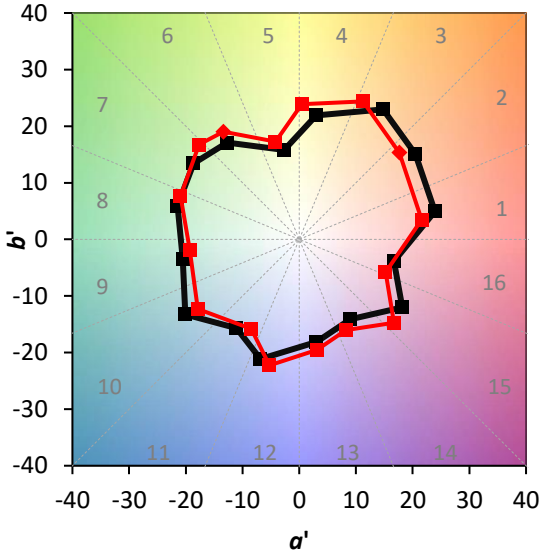
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

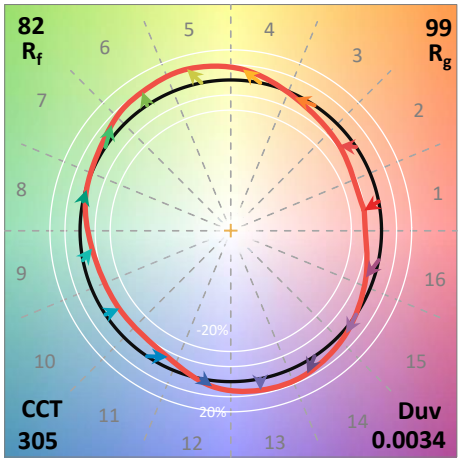
Spectral Power Distribution Comparison

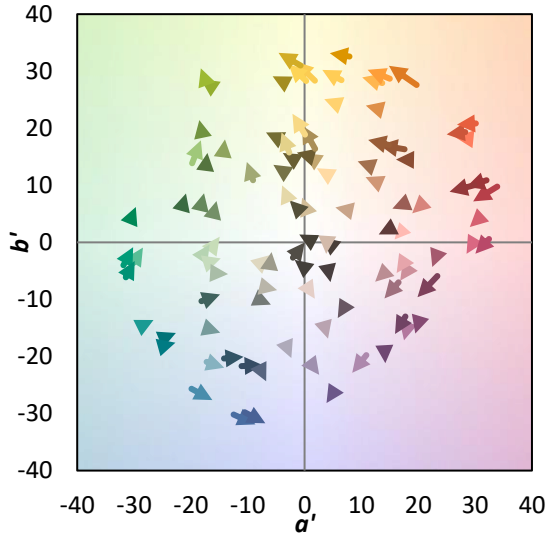


Color Vector Graphics







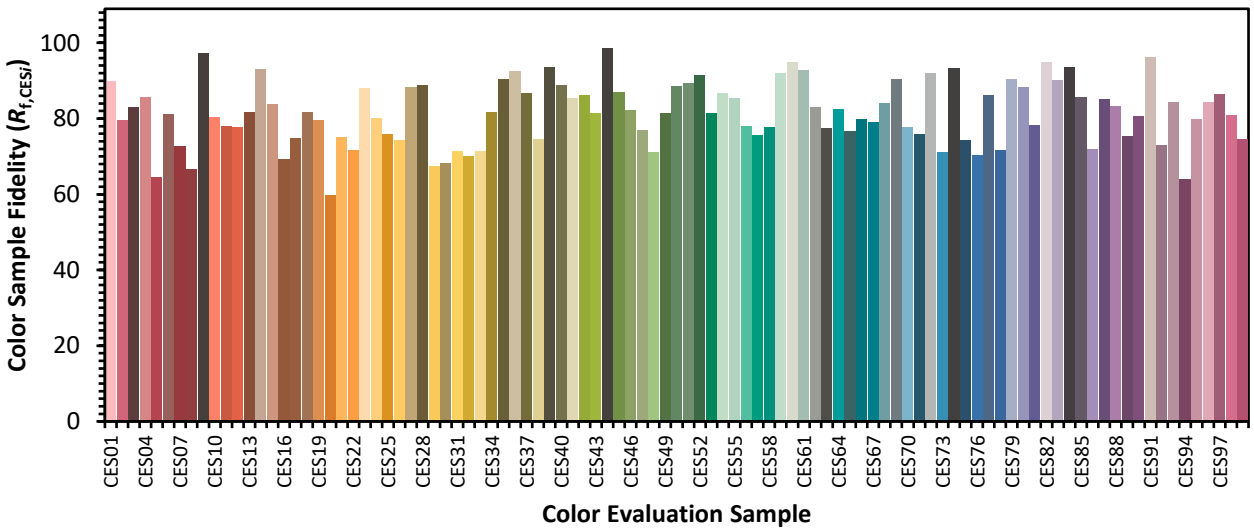


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Individual Sample Fidelity Index ($R_{f,i}$)

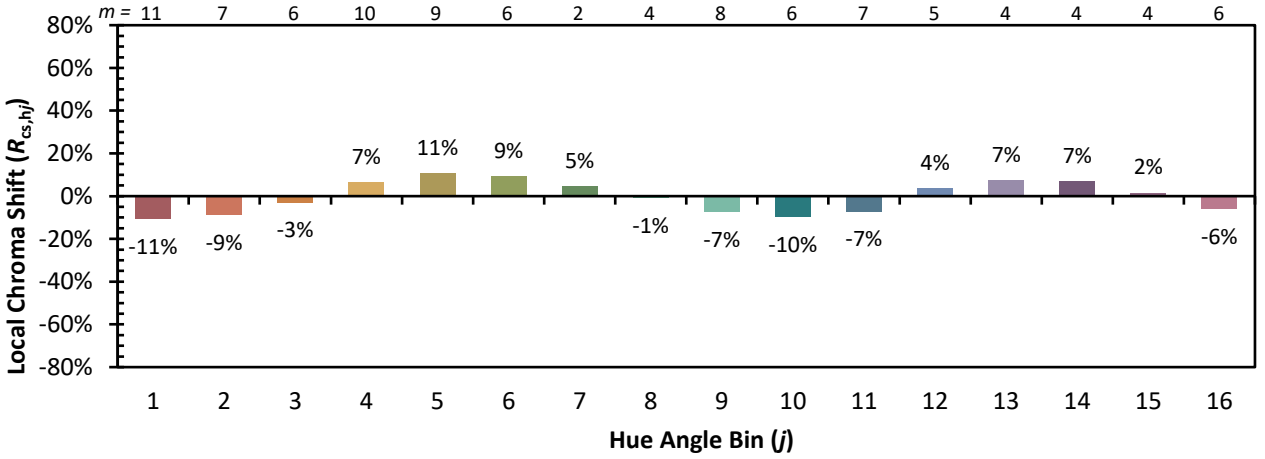
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	

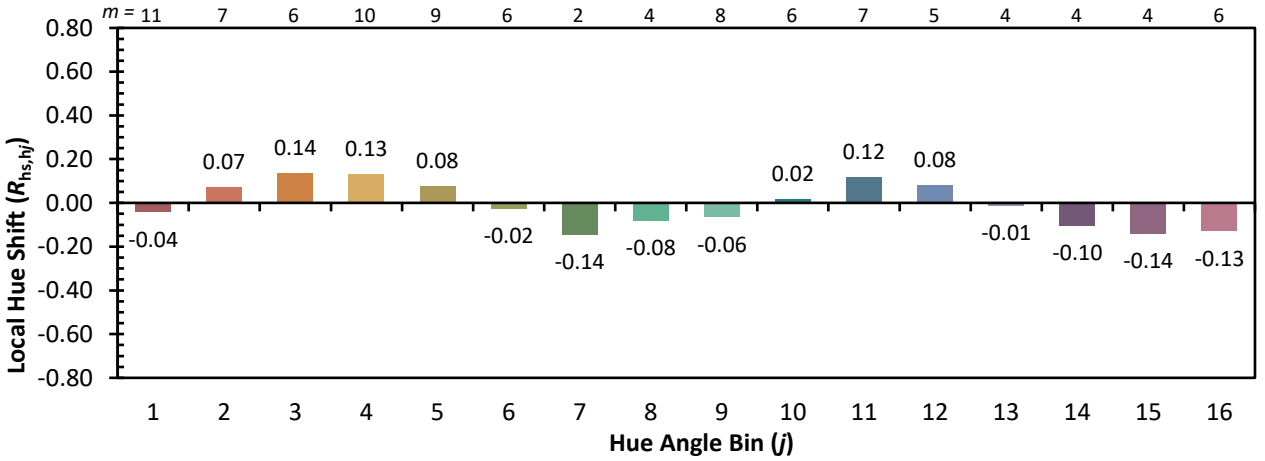


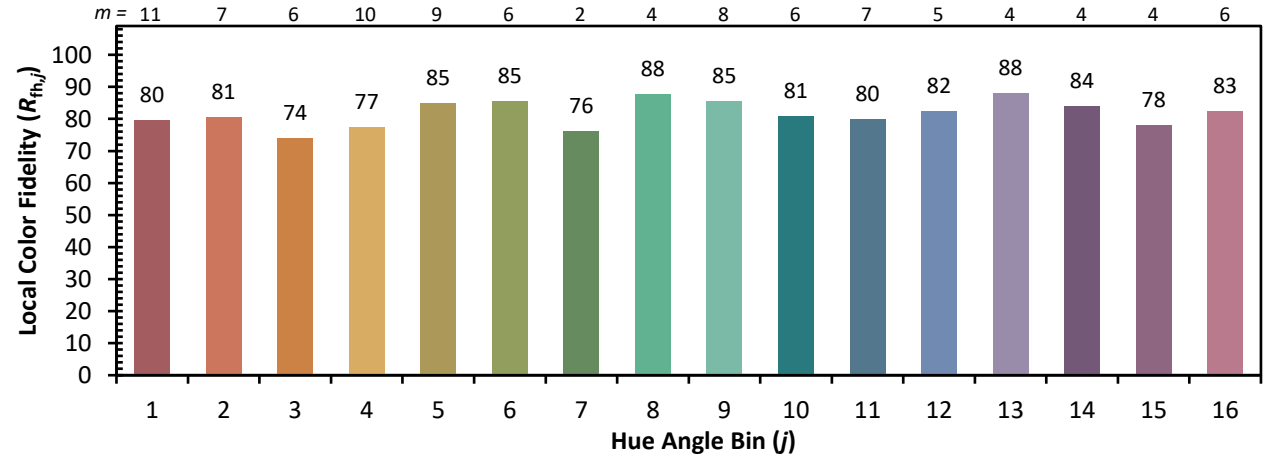
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Color Rendition by Hue-Angle Bin



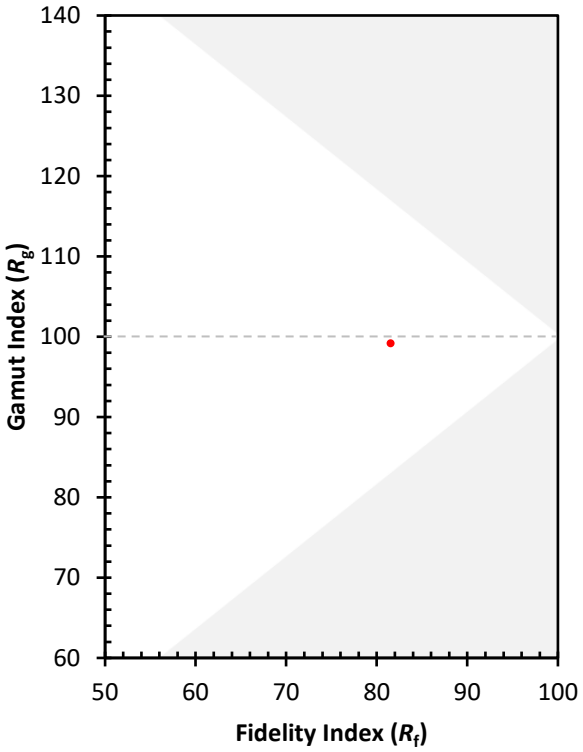


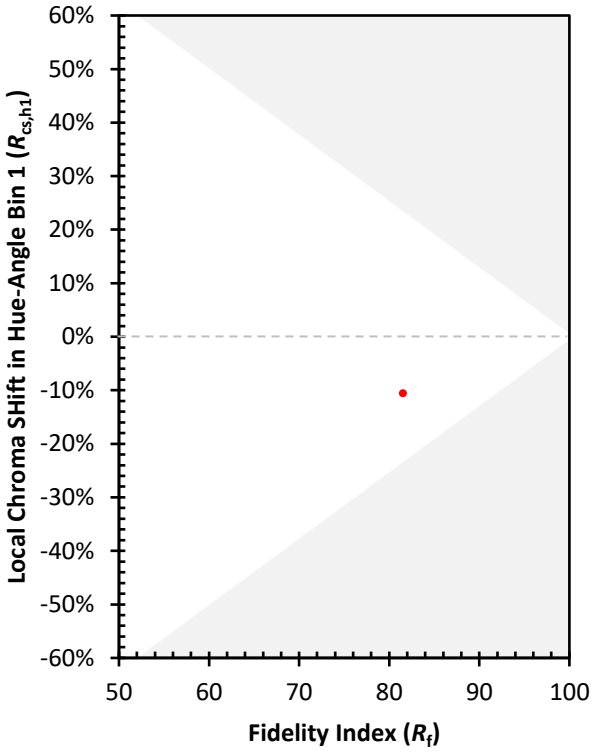


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Measure Comparisons





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